

KAIF ZAKI

Associate Software Engineer

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Professional Summary

Results-driven Software Engineer with extensive hands-on experience in developing scalable web applications, microservices architecture, and cloud infrastructure. Proficient across the full software development lifecycle, specializing in modern JavaScript/TypeScript (React, Node.js) Java (Spring Boot), and multi-database management. Demonstrated ability in API engineering, Linux server administration, and production deployments.

Skills

Languages: React, React Native, Angular, Tailwind CSS, Bootstrap, Java, Spring Boot, Node.js, Express.js, Python, PHP, Laravel

Tools & Technologies: Git/GitHub, Postman, Prisma, Maven, REST APIs, Microservices, JWT, Figma, Docker, GCP, PM2, Cloudflare, Linux VPS, aaPanel, Nginx

Work Experience

Oncode Tech Solution (PVT) LTD , Jaffna

03/2026 – Present

Junior Full Stack Developer

- Engineered RESTful APIs and secure microservices using React, Node.js, and Spring Boot with JWT authentication.
- Optimized database schemas and complex queries across MySQL and MongoDB for high data throughput and integrity.
- Managed end-to-end cloud deployments on Linux VPS environments utilizing Docker, PM2, Cloudflare, and aaPanel.
- Configured production hosting infrastructure including domain management, DNS records, SSL certificates, and reverse proxy.

Institute of Software Engineering (IISE) , Panadura

2023 – 2026

Trainee Software Engineer

- Developed enterprise-level software with Java, Spring Boot, and JavaFX following modular architecture principles.
- Built responsive user interfaces with React and Angular, enhancing cross-platform usability and client performance.
- Automated build pipelines and containerized application setups using Docker, Git, and Maven within team environments.

Education

IISE-Institute of Software Engineering

2023 – 2026

Higher National Diploma in Software Engineering

- Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

Project Work

- **Sri Lanka Railway Seat Booking System (2026) :** Architected segment-based booking logic allowing reserved seats to be independently booked across non-overlapping journey segments and Designed PostgreSQL relational schema and migrations with Prisma ORM containerized deployment using Docker.
- **Pet Care Management & Tracking System (2025) :** Designed a cloud-native Spring Boot microservices platform separating pet tracking, management, and third-party integrations.implemented inter-service API communication, security protocols, and scalable multi-database integration.
- **TaskWize Mobile Application (2026) :**Created a cross-platform mobile task manager featuring real-time Firestore sync and location-triggered task alerts. and working with background sync and used Ai for analyze user daily task and what he need to focus

Awards and Certificates

- **GEMINI CERTIFIED FACULTY BY GOOGLE :** [VIEW CERTIFICATE](#)
- **AI ENGINEER FOR DEVELOPERS ASSOCIATE BY DATACAMP :** [VIEW CERTIFICATE](#)
- **GEMINI CERTIFIED STUDENT BY GOOGLE :** [VIEW CERTIFICATE](#)
- **ASP.NET CORE FOUNDATIONS COURSE SCHOLAR HAT :** [VIEW CERTIFICATE](#)
- **DOCKER FOUNDATIONS COURSE BY SCHOLAR HAT:** [VIEW CERTIFICATE](#)
- **WEB DESIGN BY UOM :** [VIEW CERTIFICATE](#)
- **PYTHON DEV BY UOM :** [VIEW CERTIFICATE](#)

Languages

- English (Professional)
- Tamil (Native)
- Sinhala (Fluent)